INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/39142

A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : A01N 63/00; C12N 1/00, 1/20 US CL : 424/93, 44, 93, 45; 435/252, 4, 252, 9, 822, 853, 885				
US CL : 424/93, 44, 93.45; 435/252.4, 252.9, 822, 853, 885 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 424/93, 44, 93.45; 435/252.4, 252.9, 822, 853, 885				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WEST				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a	appropriate, of the relevant passages	Relevant to claim No.	
х	US 5,340,577 A (NISBET et al.) 23 August 1994(2:	1-30		
Y	lines 39-40.		1-30	
х 	US 5,308,615 A (DELOACH et al.) 03 May 1994(03.05.1994), see abstract, and column 3, lines 10-50.		1-30	
Y			1-30	
A	US 6,500,467 B2 (OLSHENITSKY et al.) 31 December 2002, see abstract and column 4, all lines.		1-30	
Further documents are listed in the continuation of Box C. See patent family annex.				
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance		and not in conflict with the application by	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"X" document of "E" earlier application or patent published on or after the international filing date considered n		considered novel or cannot be considered		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		when the document is taken alone Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined		
"O" document	referring to an oral disclosure, use, exhibition or other means	with one or more other such documents, to a person skilled in the art	such combination being obvious	
"P" document published prior to the international filing date but later than the priority date claimed "&"		"&" document member of the same patent far	nity	
Date of the actual completion of the international search		Date of mailing of the international search	h report	
27 July 2005 (27.07.2005)				
Mail Com P.O. Alex	iling address of the ISA/US Stop PCT, Atm: ISA/US missioner for Patents Box 1450 andria, Virginia 22313-1450 (703) 305-3230	Deborah Ware 202 Telephone No. (571) 272-1600	exce for	
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